

# HARUN GÖKÇE

## ASSOC. PROF.

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: B-5737-2018

ScopusID: 57204513368

Yoksis Researcher ID: 223645

## Biography

Harun Gokce was born in Çankırı, Turkey in 1983. He received his BS and MS degrees in Mechanical Engineering from BEUN in 2005 and 2008, respectively. Then he got his PhD degree in Manufacturing Engineering from the Gazi University in 2014. He worked in the automotive industry in 2005-2010. Until 2021, he served as Senior Mechanical Design Engineer in the Aerodynamics Division and Structural and Mechanical Design Division for the Defense Industries Research and Development Institute of The Scientific and Technical Research Council of Turkey (TÜBİTAK SAGE). Currently, He lectures at the Department of Industrial Design Engineering at Gazi University Faculty of Technology and consultant at the METU Wind Tunnel and Titra Technology.

## Education

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Doctorate  
2009 - 2014

Gazi University, Fen Bilimleri Enstitüsü, Mechanical Education, Turkey

## Foreign Languages

English, C1 Advanced

## Certificates, Courses and Trainings

Innovation, Creativity and Innovation, Godesk S.R.L., 2021

IT, Introduction to ANSYS Fluent, ANOVA R&D Technologies, 2017

IT, PATRAN MARC Advanced FEA Education, BIAS Engineering, 2014

Vocational Training, Geometric Dimensioning & Tolerancing and Applications (GD&T), TAI Turkish Aerospace Industries, Inc., 2014

Vocational Course, Aircraft, Weapons and Missile Systems, Turkish Air Force, 2013

IT, Introduction to ANSYS Workbench, FIGES Engineering, 2012

IT, ANSYS Mechanical Structural Nonlinearities, FIGES Engineering, 2012

## Dissertations

Doctorate, CNC tezgahları için üç boyutlu simülasyon programının geliştirilmesi ve sanal işleme, Gazi University, Fen

## Academic Titles / Tasks

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Associate Professor  
2022 - Continues

Gazi University, Teknoloji Fakültesi, Endüstriyel Tasarım Mühendisliği

## Supported Projects

1. Şahin İ., Top N., Gökçe H., Project Supported by Higher Education Institutions, Fonksiyonel Olarak Derecelendirilmiş Ökzetik Kafes Yapıların Tasarımı, 3B Baskısı ve Mekanik Özelliklerinin İncelenmesi, 2023 - 2024
2. Şahin İ., Top N., Gökçe H., Erasmus Project, Innovative Integration Between Virtual Reality and Rapid Prototyping for Youth, 2022 - 2024
3. Şahin İ., Yıldırım M. S., Top N., Dörterler M., Gökçe H., EU Supported Other Project, "SuTP Inclusive Entrepreneurship, Product Design, and Development Services, 2022 - 2024
4. Gökçe H., Uzol O., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, ODTÜ RÜZGEM Rüzgar Enerjisi Teknolojileri Araştırma ve Uygulama Merkezi, 2021 - 2022
5. Gökçe H., Şahin İ., Top N., Dörterler M., Erasmus Project, Curriculum Development for Rapid Prototyping in Engineering Education, 2018 - 2021

## Published journal articles indexed by SCI, SSCI, and AHCI

1. **Effect of drill gash rake angle on drillability in plain carbon and low alloy steels**  
ÇAVUŞ Y., GÖKÇE H., ŞEKER U.  
Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2024 (SCI-Expanded)
2. **Using of Grasshopper Optimization Algorithm Approach for Optimal Weight Design Problem of the Spur Gear**  
GÖKÇE H.  
Mechanika, vol.30, no.5, pp.472-477, 2024 (SCI-Expanded)
3. **Additive Manufacturing of Bio-Inspired Microstructures for Bone Tissue Engineering**  
Top N., Gökçe H., Şahin İ.  
Experimental Techniques, vol.47, no.6, pp.1213-1227, 2023 (SCI-Expanded)
4. **The Mechanical Properties of Functionally Graded Lattice Structures Derived Using Computer-Aided Design for Additive Manufacturing**  
TOP N., ŞAHİN İ., GÖKÇE H.  
APPLIED SCIENCES-BASEL, vol.13, no.21, 2023 (SCI-Expanded)
5. **Weight Optimization of the Gearbox Using Interior Point Method**  
Avcu M. E., Gökçe H.  
INTERNATIONAL JOURNAL OF PRECISION ENGINEERING AND MANUFACTURING, vol.24, no.1, pp.113-118, 2023 (SCI-Expanded)
6. **EXPERIMENTAL AND NUMERICAL INVESTIGATION OF CUTTING FORCES AND TEMPERATURES IN MILLING OF CUSTOM 450 STEEL**  
Gökçe H.  
ARCHIVES OF METALLURGY AND MATERIALS, vol.67, no.3, pp.843-853, 2022 (SCI-Expanded)
7. **Computer-aided design and additive manufacturing of bone scaffolds for tissue engineering: state of the art**

- Top N., Şahin İ., Gökçe H., Gökçe H.  
Journal of Materials Research, vol.36, no.19, pp.3725-3745, 2021 (SCI-Expanded)
8. **Evaluation and Optimization of O(2)Used Ranque-Hilsch Vortex Tube Performance**  
Gokce H.  
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.43, no.13, pp.1566-1576, 2021 (SCI-Expanded)
  9. **Ring orthosis design and production by rapid prototyping approach**  
Sari M. I., Şahin İ., Gokce H., Öksüz Ç.  
JOURNAL OF HAND THERAPY, vol.33, no.2, pp.170-173, 2020 (SCI-Expanded)
  10. **Investigation of the effects of drill geometry on drilling performance and hole quality**  
Yavuz M., Gokce H., Ciftci I., Gokce H., Yavas C., Şeker U.  
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.106, pp.4623-4633, 2020 (SCI-Expanded)
  11. **EFFECT OF STRAIGHT AND ANGLED ABUTMENTS ON THE STRAIN ON A ZIRCONIA CROWN AND IMPLANT IN THE MANDIBULAR SECOND MOLAR REGION: A FEA-BASED STUDY**  
Ozdogan M. S., Gökçe H., Şahin İ.  
MATERIALI IN TEHNOLOGIJE, vol.54, no.2, pp.251-257, 2020 (SCI-Expanded)
  12. **Optimisation of Cutting Tool and Cutting Parameters in Face Milling of Custom 450 through the Taguchi Method**  
Gokce H.  
ADVANCES IN MATERIALS SCIENCE AND ENGINEERING, vol.2019, 2019 (SCI-Expanded)
  13. **A grey wolf optimizer approach for optimal weight design problem of the spur gear**  
Dorterler M., Şahin İ., Gokce H.  
ENGINEERING OPTIMIZATION, vol.51, no.6, pp.1013-1027, 2019 (SCI-Expanded)
  14. **Optimization of Hydrostatic Thrust Bearing Using Enhanced Grey Wolf Optimizer**  
Şahin İ., Dorterler M., Gokce H.  
MECHANIKA, vol.25, no.6, pp.480-486, 2019 (SCI-Expanded)
  15. **Effects of Curvature and Area Distribution on S-Shaped Subsonic Diffuser Performance**  
Gokce H., Kucuk U. C., ŞAHİN İ.  
MECHANIKA, vol.24, no.6, pp.770-776, 2018 (SCI-Expanded)

## Articles Published in Other Journals

1. **Guidance and Control of a Short-Range Air-to-Surface Missile Using an Angle-Based Switched Guidance Approach**  
ÖZKAN B., GÖKÇE H.  
Avrupa Bilim ve Teknoloji Dergisi, vol.2024, no.53, pp.112-125, 2024 (Peer-Reviewed Journal)
2. **Design of an Artificial Femur Scaffold for Bone Tissue Engineering**  
SAĞLAM Y., GÖKÇE H., TOP N., ŞAHİN İ.  
Alfa Mühendislik ve Uygulamalı Bilimler Dergisi, vol.1, no.1, pp.1-9, 2023 (Peer-Reviewed Journal)
3. **Eİ için Tasarlanan Kafes Yapıların Yapısal Davranışlarının İncelenmesi**  
AKBULUT A., TOP N., GÖKÇE H.  
Manufacturing Technologies and Applications, vol.4, no.2, pp.92-100, 2023 (Peer-Reviewed Journal)
4. **Performance Comparison of Guided Mortar Projectiles with Fixed and Moving Fins**  
ÖZKAN B., GÖKÇE H.  
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, 2023 (ESCI)
5. **AISI 4140 İslah Çeliğinin Delinmesinde Yarık Talaş Açısının Etkisinin Deneysel ve Teorik Araştırılması**  
ÇAVUŞ Y., KATMER Ş., TEKAÜT İ., ARİFOĞLU S. K., GÖKÇE H., ŞEKER U.  
Gazi Mühendislik Bilimleri Dergisi, vol.8, no.3, pp.594-605, 2022 (Peer-Reviewed Journal)

6. **Investigation of the Effects of Cement in Different Thicknesses and Mechanical Properties on Implant with Zirconia Crown: A Finite Element Analysis**  
Özdoğan M. S., Gökçe H.  
Journal of International Oral Health, vol.12, no.5, pp.491-497, 2021 (ESCI)
7. **Ergonomics Assessment and Redesign of Helicopter Transmission Assembly Fixture Using Digital Human Models**  
Top N., Eldem C., Gökçe H., Şahin İ.  
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.24, pp.1197-1203, 2021 (ESCI)
8. **Karadan Karaya Bir Merminin Burun Eyletim Kiti Kullanılarak Güdüm ve Denetimi**  
Özkan B., Gökçe H.  
Avrupa Bilim ve Teknoloji Dergisi, vol.22, pp.282-292, 2021 (Peer-Reviewed Journal)
9. **CuZn15 Pirinç Malzemenin Delinme Performansının İncelenmesi**  
Gökçe H.  
Avrupa Bilim ve Teknoloji Dergisi, vol.22, pp.32-42, 2021 (Peer-Reviewed Journal)
10. **Influence of Adhesion Surface, Restoration Thickness and Type on Stress Distribution in Anterior Laminate Veneers: A Finite Element Analysis Study**  
ÖZDOĞAN M. S., GÖKÇE H.  
Journal of Dental Materials and Techniques, vol.9, no.4, pp.185-194, 2020 (Peer-Reviewed Journal)
11. **Kapalı Devre Sesaltı Rüzgar Tüneli için Türbülans Perdesi Tasarımı, Üretimi ve Bütünleme Sürecinin İncelenmesi**  
GÖKÇE H.  
Journal of Selcuk-Technic, vol.19, no.3, pp.84-93, 2020 (Peer-Reviewed Journal)
12. **Doku Mühendisliğinde Yapay Kemik İskelesi Tasarımı**  
TOP N., ŞAHİN İ., GÖKÇE H.  
Journal of Selcuk-Technic, vol.18, no.3, pp.209-228, 2019 (Peer-Reviewed Journal)
13. **Frezeleme Operasyonlarında Kesme Kuvvetlerinin Deneysel ve Sonlu Elemanlar Analizi ile İncelenmesi: Saf Molibdenin İşlenmesi Üzerine Bir Çalışma**  
GÖKÇE H., ÇİFTÇİ İ., GÖKÇE H.  
Journal of Polytechnic, vol.22, no.4, pp.947-954, 2019 (Peer-Reviewed Journal)
14. **Eklemeli İmalat İçin Topoloji Optimizasyonu: El Freni Mekanizması Uygulaması**  
Top N., Gökçe H., Şahin İ.  
Journal of Selcuk-Technic, vol.18, no.1, pp.1-13, 2019 (Peer-Reviewed Journal)
15. **Prediction of Nonlinear Dynamic Impact Force History by Finite Element Method**  
GÖKÇE H.  
Journal of Engineering Science and Technology Review, vol.11, no.3, pp.50-55, 2018 (Scopus)
16. **Denizaltıdan Kapsül İçerisinde Fırlatılan Bir Mühimmatın Dinamik Davranışının İncelenmesi**  
ÖZKAN B., GÖKÇE H.  
Gazi Journal of Engineering Sciences, vol.3, no.3, pp.27-40, 2017 (Peer-Reviewed Journal)
17. **Matkap Geometrisinin Delik Kalitesi ve Kesme Performansına Etkisi**  
YAVUZ M., GÖKÇE H., YAVAŞ Ç., KORKUT İ., ŞEKER U.  
Sakarya University Journal of Science, vol.21, no.5, pp.1051-1066, 2017 (Peer-Reviewed Journal)
18. **Optimum Design of Compression Spring According to Minimum Volume Using Grey Wolf Optimization Method**  
Şahin İ., Dörterler M., Gökçe H.  
Gazi Mühendislik Bilimleri Dergisi, vol.3, no.2, pp.21-27, 2017 (Peer-Reviewed Journal)
19. **Hasarlı Dişlilerin Tersine Mühendislik Yaklaşımıyla Yeniden Oluşturulması**  
ŞAHİN İ., ŞAHİN T., GÖKÇE H.  
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.5, no.1, pp.485-495, 2017 (Peer-Reviewed Journal)
20. **Orjinal Matkap Geometrisi için Delme Performansının Sonlu Elemanlar Yöntemi ile Doğrulanması**  
GÖKÇE H., YAVUZ KURUYER M.  
Gazi Journal of Engineering Sciences, vol.3, no.1, pp.27-34, 2017 (Peer-Reviewed Journal)

21. **Matkap Geometrisinin Takım Aşınması ve Talaş Oluşumu Üzerine Etkisinin İncelenmesi**  
GÖKÇE H., YAVUZ KURUYER M.  
Gazi Journal of Engineering Sciences, vol.3, no.1, pp.11-19, 2017 (Peer-Reviewed Journal)
22. **Object Modeling Based Polygon For 3D CNC Lathe Simulation Softwares**  
GÖKÇE H.  
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.19, no.2, pp.155-161, 2016 (ESCI)
23. **3B CNC Torna Simülasyon Yazılımları için Poligon Tabanlı Nesne Modelleme**  
GÖKÇE H.  
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.19, no.2, pp.155-161, 2016 (Peer-Reviewed Journal)
24. **CATIA V5 ile Bilgisayar Destekli Optimizasyon Süreci**  
GÖKÇE H., GÖKÇE H.  
Makine Teknolojileri Elektronik Dergisi, vol.10, no.1, pp.49-57, 2013 (Peer-Reviewed Journal)
25. **Otomotiv Sektöründe Görünen Yüzeylerin Matematiksel Sınıflandırması**  
GÖKÇE H.  
Makine Teknolojileri Elektronik Dergisi, vol.9, no.1, pp.47-60, 2012 (Peer-Reviewed Journal)
26. **Sac Metal Parçalarda Bağlama Noktalarının Bulunmasında Bilgisayar Destekli Optimizasyon**  
DEMİRCİ H. İ., GÖKÇE H.  
Makine Teknolojileri Elektronik Dergisi, vol.7, no.1, pp.19-33, 2010 (Peer-Reviewed Journal)
27. **The Effects of Water/Cement Ratio on Natural Perlite Aggregated Lightweight Concrete Produced With Alternate Mixture Ratios**  
GÖKÇE H., DURMUŞ G., ŞİMŞEK O.  
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.13, no.1, pp.55-63, 2010 (ESCI)

## Books

1. **Computer Aided Artificial Bone Scaffold Design in Tissue Engineering**  
Top N., Gökçe H., Şahin İ. (Editor)  
İksad Yayınevi, Ankara, 2020
2. **Topology Optimization for Additive Manufacturing in the Aviation and Automotive Industry**  
TOP N., ŞAHİN İ., GÖKÇE H.  
in: Theory and Research in Engineering, Prof.Dr. Adnan Hayaloğlu, Editor, Gece Publishing, Ankara, pp.207-225, 2020

## Papers Published in Refereed Scientific Meetings

1. **A study on the applications of additive manufacturing technologies in the furniture industry**  
Şahin T., Top N., Gökçe H., Şahin İ.  
6 th INTERNATIONAL CONGRESS ON 3D PRINTING TECHNOLOGIES AND DIGITAL INDUSTRY – 3D-PTC2022, Bucuresti, Romania, 22 - 23 November 2022
2. **3D Printing for Tissue Engineering Applications**  
Top N., Gökçe H., Şahin İ.  
6 th INTERNATIONAL CONGRESS ON 3D PRINTING TECHNOLOGIES AND DIGITAL INDUSTRY – 3D-PTC2022, Bucuresti, Romania, 22 - 23 November 2022
3. **A Conceptual Drone Leading Gear Design Based on 4D Printing**  
DÜZENLİ E. N., GÖKÇE H.  
Innovative Approaches in Additive Manufacturing Congress (IA4AM), Ankara, Turkey, 16 July 2021, pp.151-162
4. **Future of Rapid Prototyping**  
GÖKÇE H., ALTUNÇEKİÇ A.  
Innovative Approaches in Additive Manufacturing Congress (IA4AM), Ankara, Turkey, 16 July 2021, pp.129-136

5. **Ankara Rüzgar Tüneli Modernizasyonu ve Yetenek Artırım Faaliyetleri**  
BESNİ F., GÖKÇE H., GÜNACAR G., BAŞCI H., KÜÇÜK U. C., ERTÜRK B., KURUN S.  
UHUK 8. Ulusal Havacılık ve Uzay Konferansı, Ankara, Turkey, 9 - 11 September 2020, pp.1-17
6. **Zirkonya Dental İmplant, Dayanak ve Simante Edilen Zirkonya Kron Üzerindeki Stress Analizi: Sonlu Elemanlar Çalışması**  
ÖZDOĞAN M. S., GÖKÇE H.  
UTSAK 3. Uluslararası Tıp ve Sağlık Bilimleri Araştırmaları Kongresi, Ankara, Turkey, 13 - 14 March 2020
7. **Turbojet Motor Tutma Braketinin Topoloji Optimizasyon Destekli Yapısal Tasarımı**  
GÖKÇE H., ŞAHİN İ., TOP N.  
BİLTEK Uluslararası Bilim Teknoloji ve Sosyal Bilimlerde Güncel Gelişmeler Sempozyumu, Ankara, Turkey, 20 - 22 December 2019
8. **Eklemeli İmalat için Topoloji Optimizasyonu Üzerine Bir Çalışma**  
ATEŞ F. S., ŞAHİN İ., GÖKÇE H.  
BİLTEK Uluslararası Bilim Teknoloji ve Sosyal Bilimlerde Güncel Gelişmeler Sempozyumu, Ankara, Turkey, 20 - 22 December 2019
9. **Investigation of the Effects of Drill Geometry in Drilling Operation through Experimental and Finite Element Method**  
YAVUZ M., GÖKÇE H., YAVAŞ Ç., GÖKÇE H., ŞEKER U.  
UTIS 10. International Symposium on Machining, Antalya, Turkey, 7 - 09 November 2019
10. **Topology Optimization for Furniture Connection Part and Production with 3D Printer Technology**  
TOP N., ŞAHİN İ., GÖKÇE H.  
FURDE 29. International Conference Research for Furniture Industry, 19 - 20 September 2019
11. **BDT Tabanlı Isıl İşlem Algoritması Kullanarak Düz Dişlilerde Minimum Ağırlık Probleminin İncelenmesi**  
GÖKÇE H., TOP N., ŞAHİN İ.  
UMTS 19. Ulusal Makina Teorisi Sempozyumu, İSKENDERUN, Turkey, 4 - 06 September 2019, pp.1-8
12. **Design and Kinematic Analysis of Windshield Wiper Mechanism Using CATIA V5**  
GÖKÇE H., ŞAHİN İ.  
ISIDE 3. International Symposium on Industrial Design and Engineering, 10 - 12 November 2018
13. **3B Yazıcı Teknolojisi için Topoloji Optimizasyonu: Otomotivde Salıncak Kolu Üzerine bir Çalışma**  
TOP N., ŞAHİN İ., GÖKÇE H.  
ISIDE 3. International Symposium on Industrial Design and Engineering, 10 - 12 November 2018
14. **Lazerli Kaynak Süreçlerinde Oluşan Yüzey Distorsiyonlarının Sonlu Elemanlar Yöntemi İle Analizi**  
FINDIK T., GÖKÇE H., ŞAHİN İ.  
TESKONGRE 1. International Turkish World Engineering and Science Congress, Antalya, Turkey, 7 - 10 December 2017, pp.151
15. **Matkap Geometrisinin Delme Performansına Etkisinin Gri İlişkisel Analizi ile Değerlendirilmesi**  
YAVUZ KURUYER M., GÖKÇE H., GÜNGÖR F., YAVAŞ Ç., KORKUT İ., ŞEKER U.  
UMTS 18. Ulusal Makina Teorisi Sempozyumu, Turkey, 5 - 07 July 2017
16. **Matkap Geometrisinin Oluşturulmasında Parametrik Modelleme Yaklaşımı**  
GÖKÇE H., YAVUZ KURUYER M., ŞEKER U.  
UTIS 8. International Symposium on Machining, 1 - 03 July 2017
17. **Optimum Design of Compression Spring According to Minimum Volume Using Grey Wolf Optimization Method**  
ŞAHİN İ., DÖRTERLER M., GÖKÇE H.  
ICONTRENDS 1. International Congress on New Trends in Science Engineering and Technology, BARCELONA, Spain, 27 - 29 April 2017, pp.33-40
18. **Hasarlı Dişlilerin Tersine Mühendislik Yaklaşımıyla Yeniden Oluşturulması**  
ŞAHİN İ., ŞAHİN T., GÖKÇE H., EREN O.  
The 2nd International Symposium On 3D Printing Technologies, İstanbul, Turkey, 03 April 2017, pp.424-433
19. **İşlenmiş Helisel Yayların Tersine Mühendislik Yöntemleri ile Yeniden Oluşturulması**

GÖKÇE H.

ICONTRENDS 1. International Congress on New Trends in Science Engineering and Technology, 1 - 03 January 2017

20. **Dijital İnsan Modelleme Tabanlı Ergonomik Analiz: Otomatik Kollu Bariyer Örneği**

ŞAHİN İ., ELDEM C., KALYON S., GÖKÇE H.

ICONTRENDS 1. International Congress on New Trends in Science Engineering and Technology, 1 - 03 January 2017

21. **Modeling of Tool Wearing With Artificial Neural Network in 3D Virtual Manufacturing System**

GÖKÇE H., GÜLESİN M.

ISITES 3. International Symposium on Innovative Technologies in Engineering and Science, Valensiya, Spain, 3 - 05 June 2015

22. **Yüksek Basıncılı Küresel Tank Sistemlerinde Geometri Tabanlı Uygun Basıncı Dağılımlarının Belirlenmesi**

GÖKÇE H.

ISITES 3. International Symposium on Innovative Technologies in Engineering and Science, 01 January 2015

23. **Ticari Araç Geliştirme Projesi Kapsamında Dinamik Modelin Testler ile Doğrulanması**

ORGÜL B. O., KOYUNCU M. L., DİLEROĞLU S., GÖKÇE H.

OTEKON 5. Otomotiv Teknolojileri Kongresi, Bursa, Turkey, 7 - 08 June 2010

## Academic and Administrative Experience

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2021 - Continues	<b>Deputy Head of Department</b>	Gazi University, Teknoloji Fakültesi, Endüstriyel Tasarım Mühendisliği
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## Courses

### Undergraduate

Design Project Management, Undergraduate, 2021 - 2022

Automotive Design, Undergraduate, 2021 - 2022

Computer Aided Design II, Undergraduate, 2021 - 2022

Computer Aided Design III, Undergraduate, 2021 - 2022

Machine Elements I, Undergraduate, 2019 - 2020

Light Weapon Design, Undergraduate, 2018 - 2019

Mechanism, Undergraduate, 2018 - 2019

## Supervised Theses

Şeker U., Gökçe H., The effect of drill gashing rake angle on machinability of different materials, Doctorate, Y.ÇAVUŞ(Student), 2023

Şahin İ., Gökçe H., A Study On The Performance Evaluation Of Different Topology Optimization Algorithms, Postgraduate, F.Sinan(Student), 2020

ŞAHİN İ., GÖKÇE H., Design And Production Of A Novel Bone Scaffolding Using Additive Manufacturing For Tissue Engineering, Postgraduate, N.TOP(Student), 2019

## Activities in Scientific Journals

Nanoparticle, Committee Member, 2019 - Continues

Gazi Mühendislik Bilimleri Dergisi, Assistant Editor/Section Editor, 2015 - Continues  
MECHANIKA, Committee Member, 2019 - 2022

## Memberships / Tasks in Scientific Organizations

Turkish Machine Theory Association (MAKTED), Member, 2014 - Continues, Turkey

## Peer Reviews in Scientific Publications

KNOWLEDGE-BASED SYSTEMS, SCI Journal, November 2021  
CMES-COMPUTER MODELING IN ENGINEERING, SCI Journal, November 2021  
JOURNAL OF POLYTECHNIC, Journal Indexed in ESCI, November 2021  
JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, SCI Journal, June 2021  
INTERNATIONAL JOURNAL OF PRECISION ENGINEERING AND MANUFACTURING, SCI Journal, January 2021  
JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, SCI Journal, December 2020  
GAZI JOURNAL OF ENGINEERING SCIENCES, Other Indexed Journal, December 2017

## Scientific Consultations

METU RÜZGEM (METUWIND) Center For Wind Energy Research, Project Consultancy, Gazi University, Turkey, 2021 - 2022

## Tasks In Event Organizations

Gökçe H., National Machine Theory Symposium (UMTS), Scientific Congress, Diyarbakır, Turkey, Eylül 2021  
Gökçe H., 4th International 3D Printing (Additive Manufacturing) Technologies and Digital Industry Congress, Scientific Congress, Antalya, Turkey, Nisan 2019

## Metrics

Publication: 67  
Citation (WoS): 98  
Citation (Scopus): 126  
H-Index (WoS): 6  
H-Index (Scopus): 6

## Research Areas

Mechanical Engineering, Aeronautical and Space Engineering

## Non Academic Experience

Company, TİTRA Technology, Department of Mechanics, Consultant  
University, Middle East Technical University, RÜZGEM (METUWIND) Center For Wind Energy Research, Researcher  
TUBITAK, SAGE Defence Industries Research and Development Institute, Aerodynamic Division, Senior Design Engineer  
Company, Hexagon Studio Design and Engineering, Engineering Department, Senior Designer



Company, Renault Group, R&D Department, Senior Designer

Company, IBM Dassault Systemes, Engineering Department, CATIA Application Specialist